



Department of Energy
Washington, DC 20585

April 12, 2024

Mr. Brian Ocampos
Director, Quality Assurance
TN Americas LLC
7160 Riverwood Drive
Suite 200
Columbia, MD 21046

Dear Brian Ocampos:

In response to your request emailed April 1, 2024, enclosed is Department of Energy (DOE) Quality Assurance Program Approval (QAPA), Approval Number 0003, Revision 5, for TN Americas LLC. This approval for renewal of QAPA 0003 is based on DOE Packaging Certification Program (PCP) endorsement of the Nuclear Regulatory Commission (NRC) Form 311, Approval Number 0250, Revision 24, issued February 24, 2022, of *TN Americas LLC Quality Assurance Program Description Manual for 10 CFR Part 71, Subpart H and 10 CFR Part 72, Subpart G*, Revision 17, dated February 2, 2022, effective February 25, 2022.

This DOE QAPA satisfies DOE Order 460.1D, *Hazardous Materials Packaging and Transportation Safety*, and therefore complies with the provisions in 49 CFR 173.7(d) for DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71.

The expiration date of DOE QAPA 0003, Revision 5, is April 30, 2029. If you wish to renew, revise, or terminate approval of the QAPA 0003, please request this action in writing. Any revisions to the TN Americas QAP, except for spelling corrections and non-substantive changes to punctuation or editorial items, must be submitted and approved by the NRC or DOE PCP prior to implementation of the proposed changes. Revisions to the TN Americas QAP for spelling corrections and non-substantive changes to punctuation or editorial items should be submitted to DOE PCP for reference.

If you have any questions, please contact me or DOE Docket Manager Lawrence Gelder at (803) 645-3490.

Sincerely,

Julia C. Shenk Digitally signed by Julia C. Shenk
Date: 2024.04.12 09:34:23 -04'00'

Julia C. Shenk
Headquarters Certifying Official
Director
Office of Packaging and Transportation

Enclosure: QAPA 0003, Rev 5

cc: Don Shaw, TN Americas
QA Docket 2010-003



U.S. Department of Energy
QUALITY ASSURANCE PROGRAM APPROVAL
For Type B and Fissile Radioactive Material Packages

1. APPROVAL NUMBER
0003

REVISION
5

Pursuant to DOE Order 460.1D, *Hazardous Materials Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance (QA)* directs that each Departmental element that participates in the use, design, purchase, fabrication, handling, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, and modification of Type B or fissile materials packaging must have and maintain a quality assurance (QA) program in accordance with 10 CFR Part 71, Subpart H that is approved by the NRC or the DOE Certifying Official, prior to the performance of those operations. The Contractors Requirements Document in Attachment 1 of Paragraph 5.a. of the Order imposes the same requirement on DOE contractors. Based on the reliance on statements and representations heretofore made in Block 5 by the organization named in Block 2, the Quality Assurance Program Description identified in Block 5 is hereby approved. This approval is issued to satisfy the requirements of the Order, 49 CFR 173.7.(d), and 10 CFR 71.101. This approval is subject to all applicable rules, regulations, and orders of the U.S. Department of Energy now or hereafter in effect and to any conditions specified below.

2. ORGANIZATION NAME

TN Americas, LLC (a wholly owned subsidiary company of Orano USA)

3. EXPIRATION DATE

April 30, 2029

STREET ADDRESS

7160 Riverwood Drive, Suite 200

4. DOCKET NUMBER

CITY
Columbia

STATE
MD

ZIP CODE
21045

2010-003

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE

TN Americas LLC Quality Assurance Program Description Manual for 10 CFR Part 71, Subpart H and 10 CFR Part 72, Subpart G, Revision 17, dated Feb.2, 2022, effective Feb. 25, 2022 (NRC QA Program Approval No. 71-0250, Rev. No. 24, Feb. 24, 2022)

6. CONDITIONS

- Activities conducted regarding Type B and fissile material transportation packagings are to be executed under applicable criteria of 10 CFR Part 71 Subpart H. Authorized activities include: design, procurement, fabrication, assembly, testing, modification, maintenance, repair and use of transportation packagings.
- Records shall be maintained in accordance with the provisions of 10 CFR Part 71. Specifically:
 - Records of each shipment of licensed material shall be maintained for 3 years after that shipment [10 CFR 71.91(a)].
 - Records providing evidence of packaging quality shall be maintained for 3 years after the life of the packaging [10 CFR 71.91(d)].
 - Records describing activities affecting packaging quality shall be maintained for 3 years after this Quality Assurance Program Approval is terminated [10 CFR 71.135].
- Planned and periodic audits of all aspects of the Quality Assurance Program shall be conducted in accordance with written procedures or checklists, by appropriately trained personnel not having direct responsibility in the areas being audited, in accordance with 10 CFR 71.137.
- In addition to the requirements of Subparts G and H of 10 CFR 71, and except as specified in Section 5(d), "Conditions," of applicable Certificates of Compliance, each package must be designed, fabricated, acceptance tested, operated, and maintained in accordance with applicable Safety Analysis Report for Packaging requirements; specifically, Chapter 7, "Operating Procedures," Chapter 8, "Acceptance Tests and Maintenance Program," and Chapter 9, "Quality Assurance."

FOR THE U.S. DEPARTMENT OF ENERGY

SIGNATURE

Julia C. Shenk Digitally signed by Julia C. Shenk
Date: 2024.04.12 09:36:15 -04'00'

DATE OF ISSUANCE

April 12, 2024

Julia C. Shenk
Headquarters Certifying Official
Director, Office of Packaging and Transportation